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| **Class** | **Group Number** | **Partners** |
| Class \_\_\_\_ | # \_\_\_\_ | 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **Self – Assessment** | | | |
|  | **Not Successful (3 pts. each)** | **Successful (4 pts. each)** | **Outstanding (5 pts. each)** |
| **Getting Started** | Slow, Unprepared, Unsettled | Purposeful, Prepared, Focused | Productive Immediately |
| **Considerate** | Noisy, Uncooperative, Needs Prompts | Quiet, Cooperative, Few Prompts | Supported & Helped |
| **On-Task** | Distracted, Unproductive, Hinders | Focused, Productive, Advanced | Quality + Early |
| **Quality Work** | Rushed, Incomplete, Copied | Original, Revise, Edit, Complete | A+ Work, Detailed |
| **Contribution** | Minimal Contribution, Interferes | Contributed, Initiative, Collaborated | Also brought out best |

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| **Partner: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | |
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**Purpose**:

Demonstrate an in-depth knowledge of the vocabulary, concepts, and impact on humans related to the “Earth’s Crust”.

**Topics**:

1. Impact of specific volcano
2. Mining of specific mineral
3. Formation of specific mountain range
4. Top 5 important minerals
5. Approved Topic

**Due Date**:

Final Project (All parts) - Thursday, May 28, 2015

Research Notes – Monday, May 25, 2015

**Products**:

1. Project Assessment Page
2. Research Notes (Word Document)
3. Power Point

**Mark**:

1. Project Assessment Page 25 %
2. Research Notes 25 %
3. Power Point 50 %

***Copy and paste links beside information.***

**Research Notes:**

1. **Topic**: Impact of Mount St. Helens eruption
2. **Vocabulary (List with definitions)**

Volcanoes - Openings in the earth’s crust down to the inner layers of earth.

Crust - The outer layer of the earth that we all live on.

Tectonic Plates - The plates that make up the Earth’s crust.

Molten lava - The molten rock that comes out of volcanoes.

Erupt - When a volcano releases all of the built up pressure.

1. **Concepts (Name and explain)**

How volcanoes are formed: Volcanoes are formed when two tectonic plates meet, and when they create a gap in the earth’s crust. Then molten lava comes out because of all the built up pressure.

Where Mount St. Helens is located: Mount St. Helens is located in the United States; specifically Washington, 96 miles from Seattle.

When it erupted: Mount St. Helens is a very active volcano, still to this day it could erupt at any time. One recent eruption was in 1980.

1. **Impact (explain impact(s))**

**Positive impacts:**

Years after the eruption that destroyed the area around it, new plants will start to grow strong and healthy because the old dead plants decompose and form great soil where new life forms can flourish.

**Negative impacts:** Some of thenegative impacts would be how much damage the eruption caused. In total there were 57 deaths, plus all the surrounding land was destroyed.

***Power Point Guidelines:***

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| **Page** | **Title** | **Content** |
| 1 | Title Page | Topic  Names |
| 2 | Overview | What will be presented in Power Point |
| 3 +  Maximum 6 words | Vocabulary | Word  Definition  Link  Picture/Video |
| 10 +  Maximum 4 slides | Concept Explanation | Explanation (Paragraph)  Link  Picture/Video |
| 15 +  Maximum 4 slides | Impact | Explanation (Paragraph)  Link  Picture/Video |
| 20 | Conclusion | Summary (Paragraph) |